

PATENT ABSTRACTS OF JAPAN

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(54) QUICK-DRYING INK FOR INK-JET RECORDING

(57)Abstract:

PURPOSE: To produce the quick drying property sufficiently on paper without clogging the jet nozzle, by incorporating a specific surfactant into an ink for ink-jet recording comprising a water-soluble dye, a polyhydric alcohol, and water.

CONSTITUTION: A quick-drying ink for jet recording comprising (A) 0.1W9wt.% of a water-soluble dye, e.g. C.I. Direct Black 17, (B) 7W45wt.% of a polyhydric alcohol, e.g. triethylene glycol, (C) 0.5W20wt.% of a surfactant, e.g. sodium dodecylbenzenesulfonate, having a surface tension at a micelle concentration with water of 20W 50dynes/cm, and (D) the balance of water.

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